

Datasheet for ABIN737471

## **anti-Angiopietin 4 antibody (AA 410-503) (Cy5.5)**



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### Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | Angiopietin 4 (ANGPT4)                                                                                                         |
| Binding Specificity: | AA 410-503                                                                                                                     |
| Reactivity:          | Mouse                                                                                                                          |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This Angiopietin 4 antibody is conjugated to Cy5.5                                                                             |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human ANGPT4 |
| Isotype:              | IgG                                                        |
| Cross-Reactivity:     | Mouse                                                      |
| Predicted Reactivity: | Human,Rat,Dog,Cow,Pig,Horse,Chicken,Rabbit                 |
| Purification:         | Purified by Protein A.                                     |

### Target Details

|                   |                                                   |
|-------------------|---------------------------------------------------|
| Target:           | Angiopietin 4 (ANGPT4)                            |
| Alternative Name: | Angiopietin 4 ( <a href="#">ANGPT4 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                  |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Synonyms: AGP4, ANG4, ANG-3, Angiopoietin-4, ANG-4, Angiopoietin-3, ANGPT4, ANG3<br>Background: Binds to TEK/TIE2, modulating ANGPT1 signaling. Can induce tyrosine phosphorylation of TEK/TIE2. Promotes endothelial cell survival, migration and angiogenesis. |
| Gene ID:    | 51378                                                                                                                                                                                                                                                            |
| UniProt:    | <a href="#">Q9Y264</a>                                                                                                                                                                                                                                           |
| Pathways:   | <a href="#">RTK Signaling</a>                                                                                                                                                                                                                                    |

## Application Details

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only                                        |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |